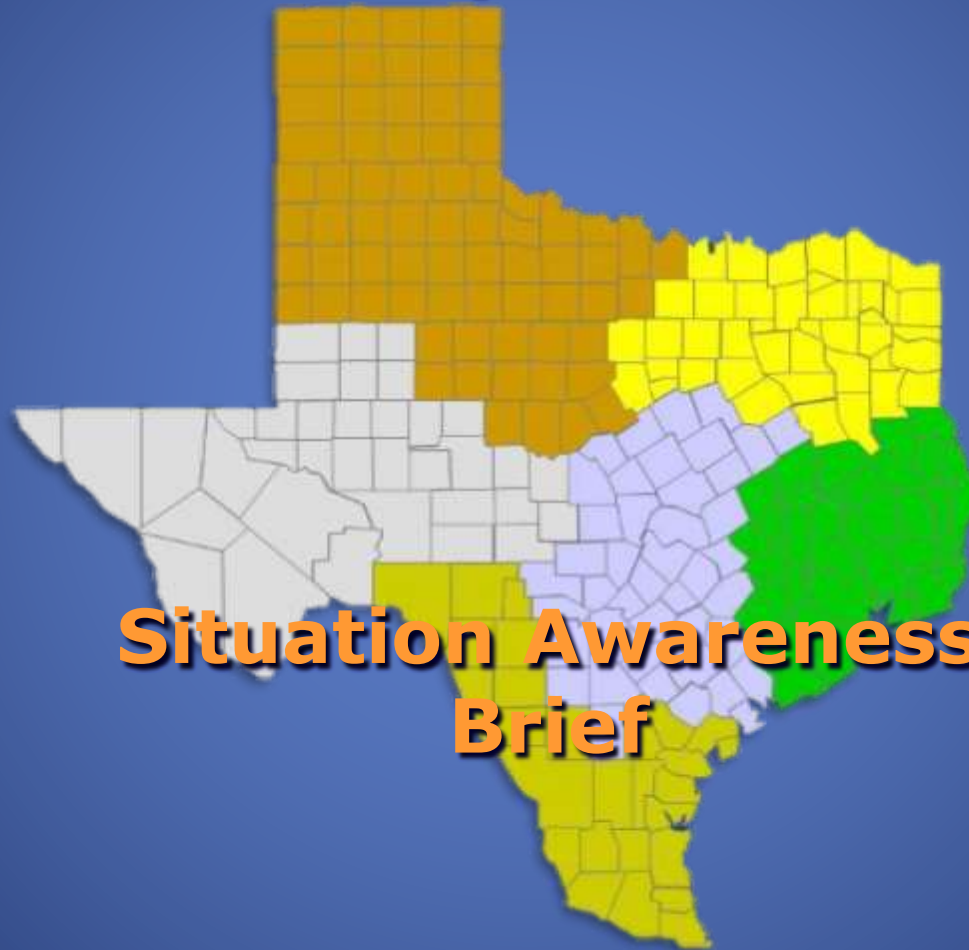


# **Texas Division of Emergency Management Texas State Operations Center**

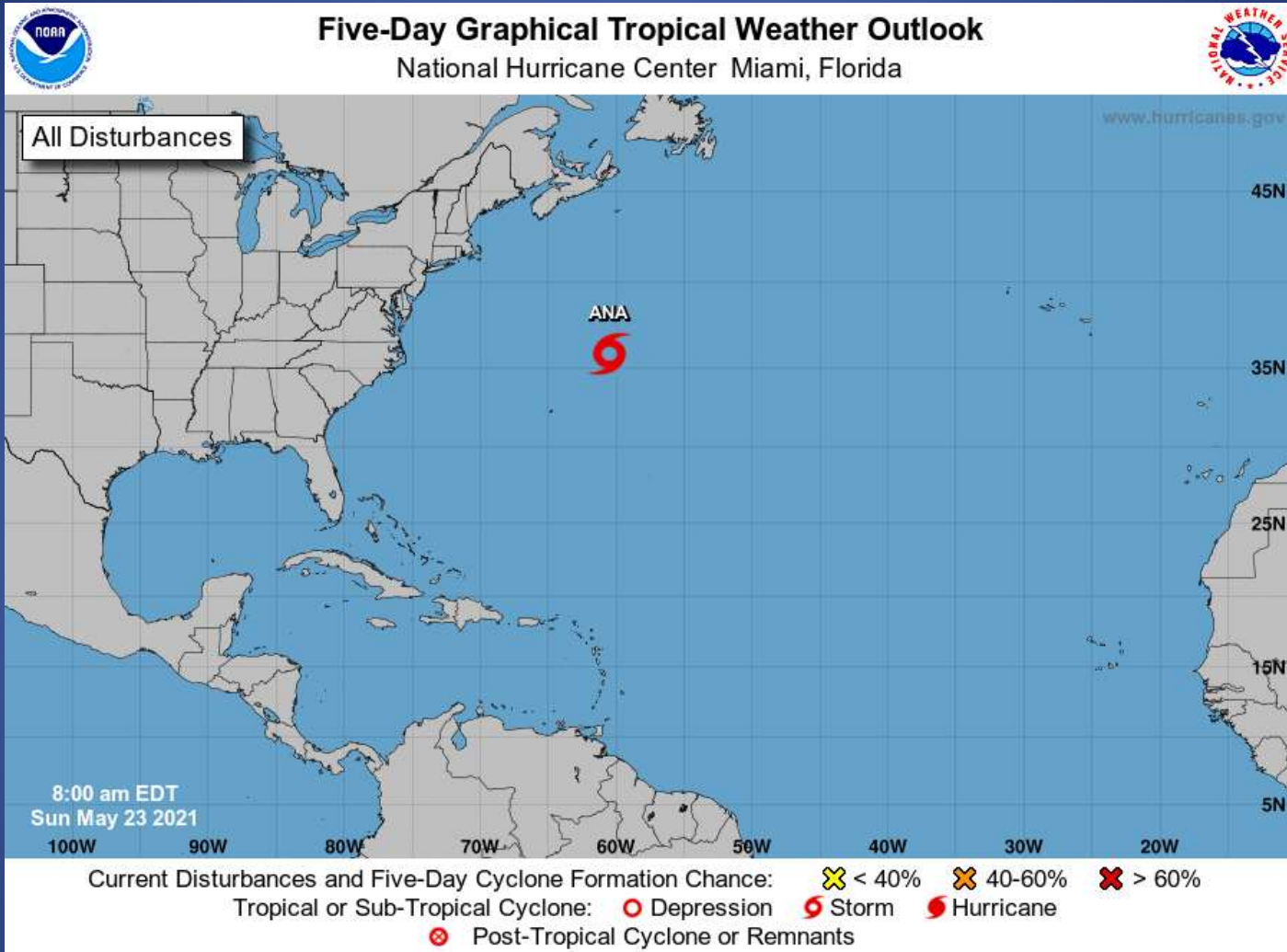


## **Situation Awareness Brief**



**Sunday, May 23<sup>rd</sup>, 2021  
As of 0900 CST**

# Tropical Weather Awareness



# Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION	Final Report (Y/N)
05/22/21	Preliminary Earthquake Report (M2.8)	Culberson County	Y
05/22/21	Preliminary Earthquake Report (M2.7)	Culberson County	Y
05/22/21	Preliminary Report of an Earthquake (M2.6) in Western Texas	Culberson County	Y

## Informational Products Distributed by the State Operations Center

05/22/21	NWS Amarillo: Severe Weather Briefing for Today - May 22nd, 2021
05/22/21	NWS West Gulf River Forecast: River Flood Impacts To Continue into Next Week
05/22/21	NWS Austin/San Antonio Situation Report: Heavy rainfall and flash flooding possible over Southeastern areas
05/22/21	NWS Houston/Galveston Weather Update: Flash Flood Watch Issued for Parts of SE TX / Marine Hazards Continue

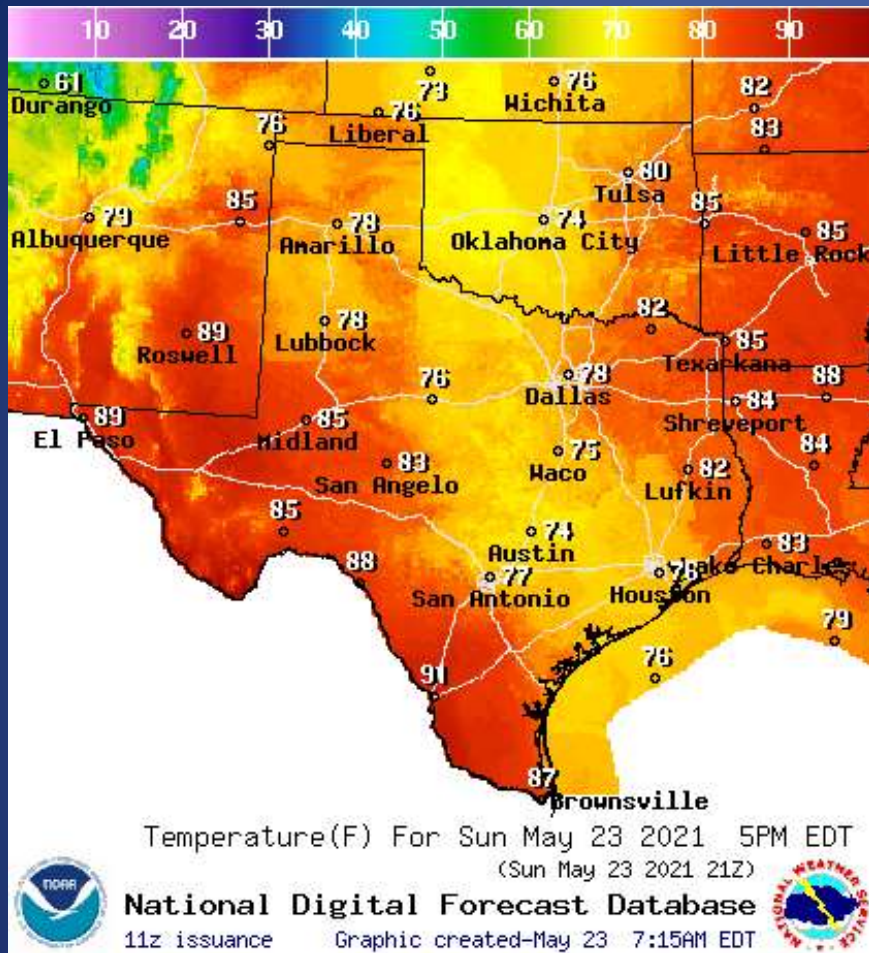
# Informational Products

## Distributed by the State Operations Center

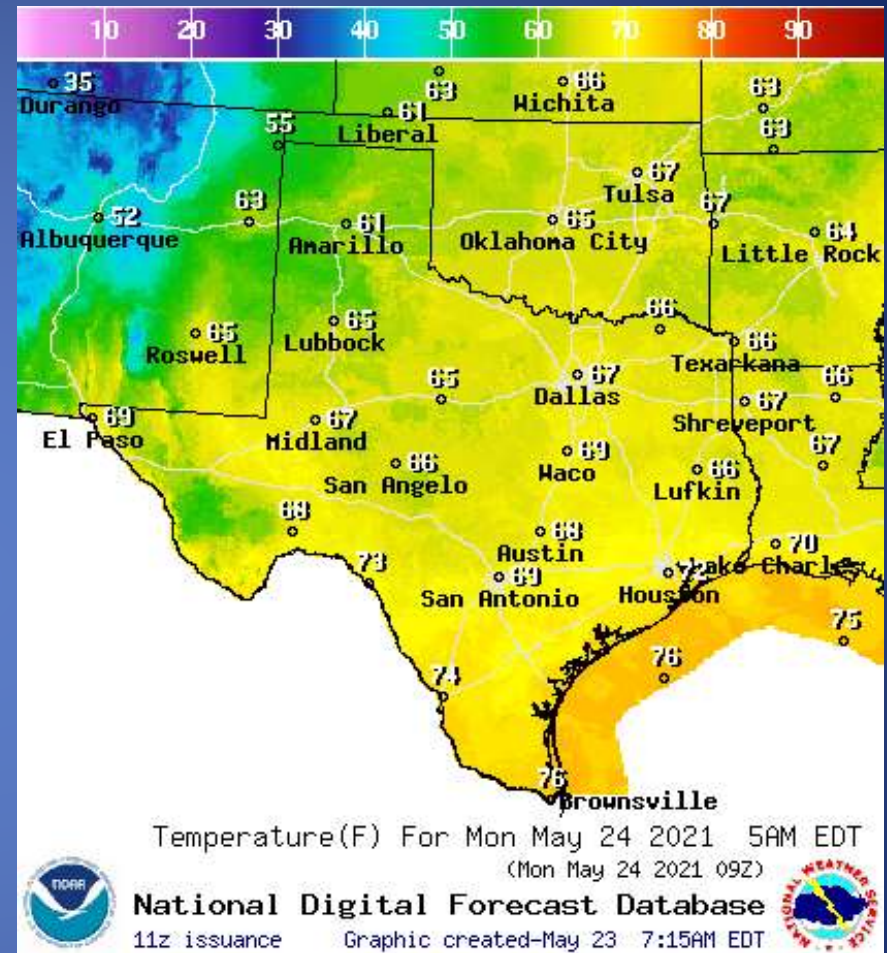
DATE	SUBJECT
05/22/21	State of Texas NWS Weather Update - 5:00pm Saturday, May 22, 2021
05/22/21	NWS Houston/Galveston: Weather Update: Flash Flood Watch Issued for Parts of SE TX / Marine Hazards Continue
05/23/21	NWS Austin/San Antonio: Update: Situation Report: Heavy Rainfall and Flash Flooding Possible Over Southeastern Areas
05/23/21	NWS Houston Galveston Weather Update: Flash Flood Watch in Effect for Colorado/Jackson/Matagorda/Wharton Counties Until Early Monday Morning
05/23/21	Daily NWS Threat Brief for Sunday, May 23, 2021 for FEMA Region 6



# Weather Forecast

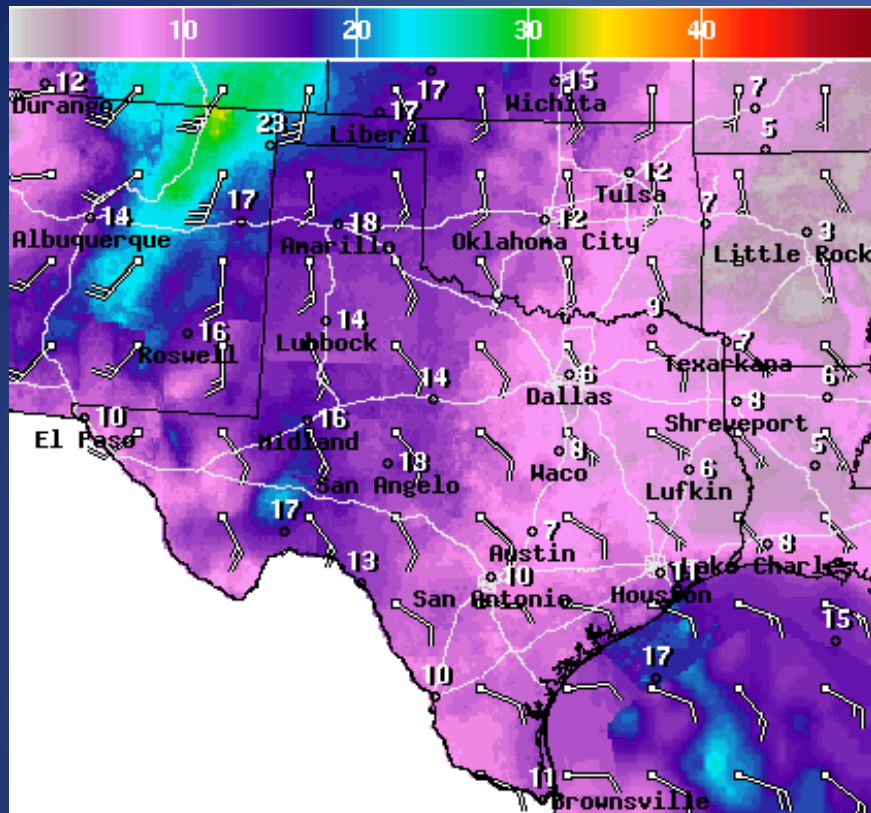


## Highs



## Lows

# Weather Forecast



WindSpd(Kts) & WindDir For Sun May 23 2021 5PM EDT

(Sun May 23 2021 21Z)



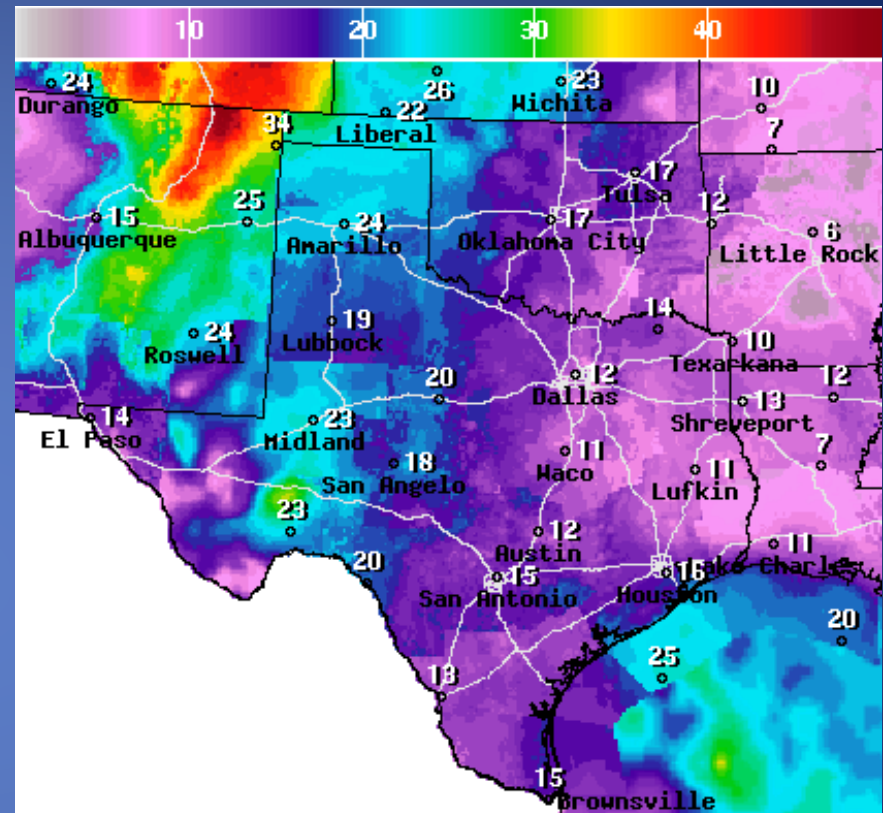
National Digital Forecast Database

10z issuance

Graphic created-May 23 6:29AM EDT



## Wind Speeds



Wind Gust(Kts) Sun May 23 2021 5PM EDT

(Sun May 23 2021 21Z)



National Digital Forecast Database

11z issuance

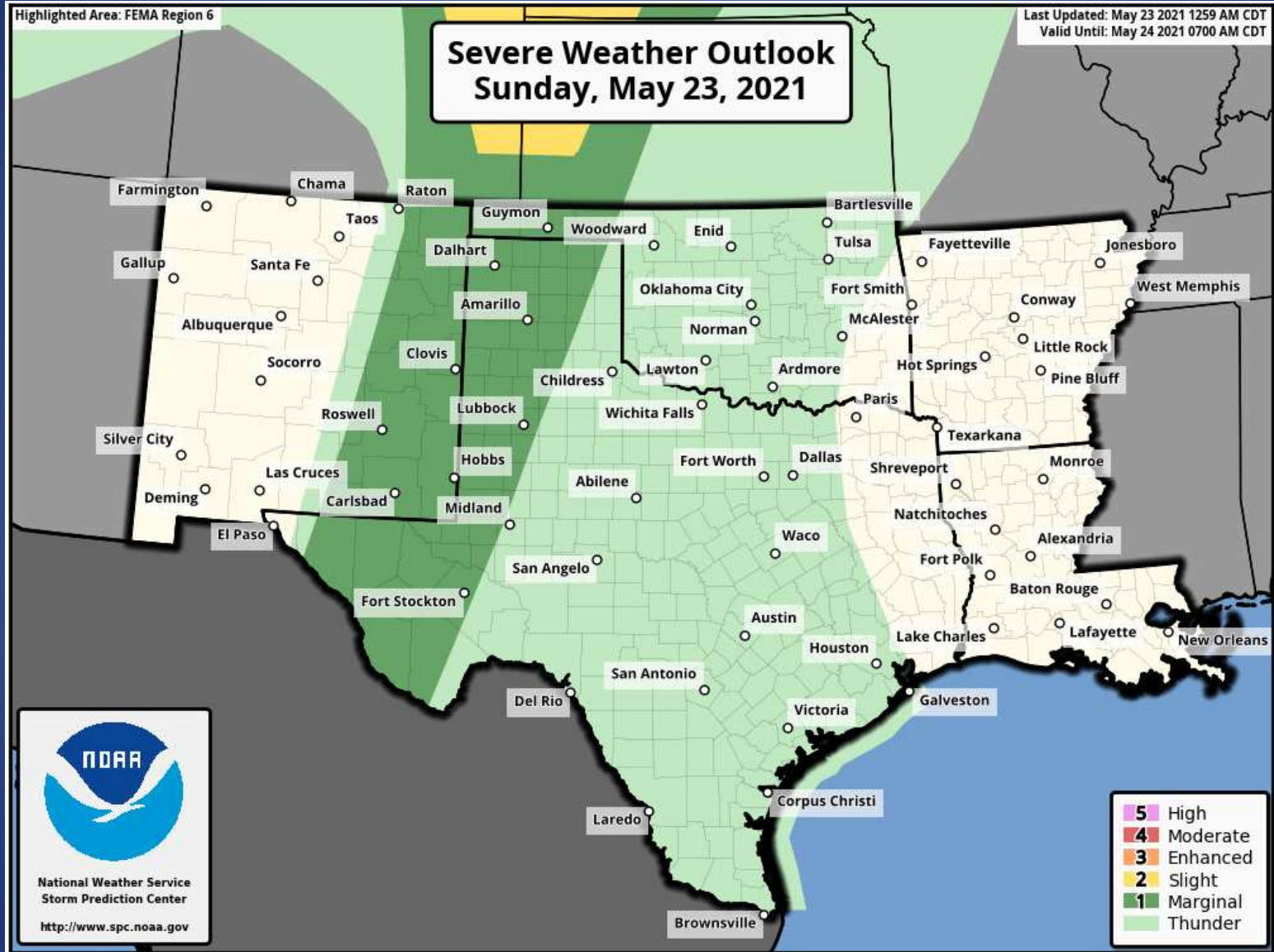
Graphic created-May 23 7:28AM EDT



## Gusts



# Hazardous Weather

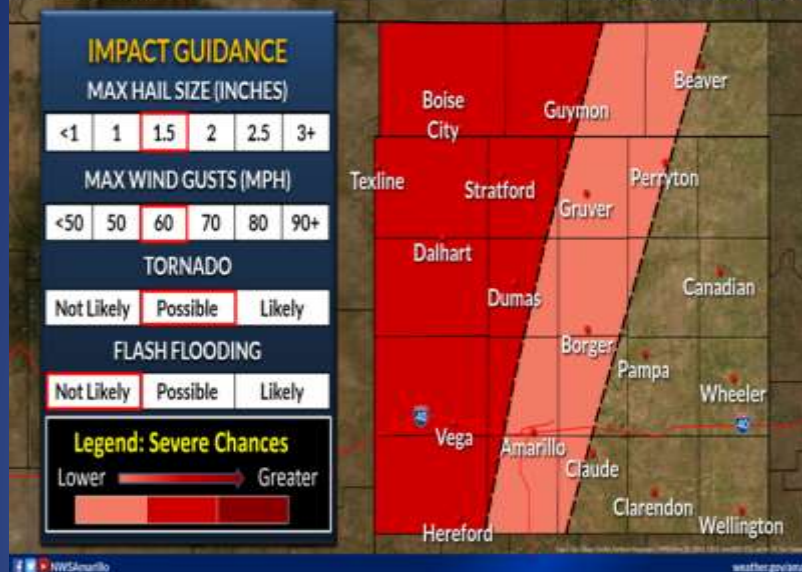


# Hazardous Weather

## Severe Thunderstorm Potential - 6 pm to 9 pm

Storm Motion Northeast at 20-30 mph

Weather Forecast Office  
Amarillo, TX  
Issued May 23, 2021 7:32 AM CDT

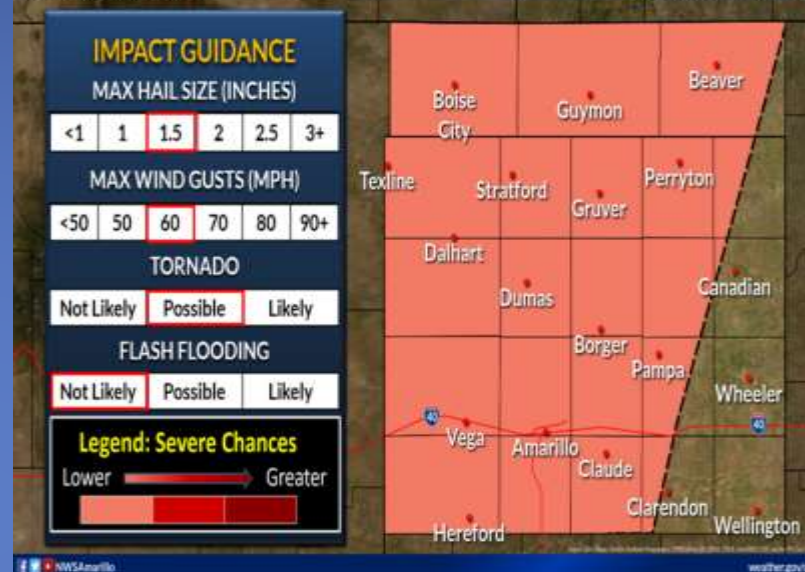


Scattered storms expected to develop this evening across the western Panhandles and track from southwest to northeast. All hazards will be possible with these storms, although the main concerns will be wind and hail.

## Severe Thunderstorm Potential - 9 pm to Midnight

Storm Motion Northeast at 20-30 mph

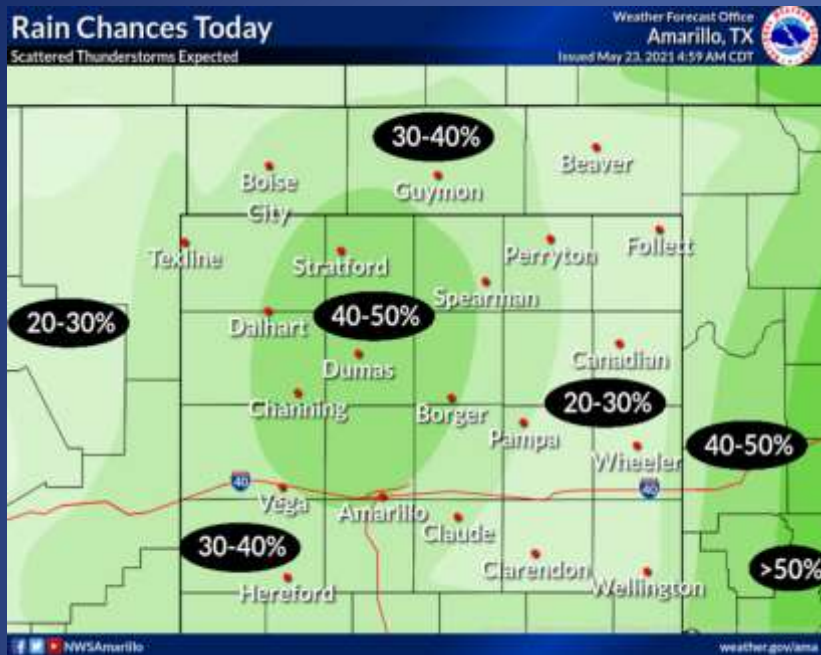
Weather Forecast Office  
Amarillo, TX  
Issued May 23, 2021 4:22 AM CDT



Storms will continue to track east into the central and portions of the eastern Panhandles this evening. Storms that start off as separate cells, are expected to merge more into a linear cluster later this evening. All hazards will still be possible, but it will still be more of a wind and hail threat.



# Hazardous Weather



The best chance for rain with the scattered storms today will be in the west-central Texas Panhandle or well east into Oklahoma during the late afternoon and evening hours. Some of these storms may become severe. Please refer to the severe storm graphics for details.



Isolated to scattered severe thunderstorms will develop and move into the southwest Texas Panhandle and western South Plains late this afternoon. The most intense storms will be capable of producing golf ball size hail, wind gusts to 65 mph and locally heavy rainfall. A tornado can not be ruled out either. This activity will advance toward the central South Plains through the evening hours before weakening.

# Hazardous Weather



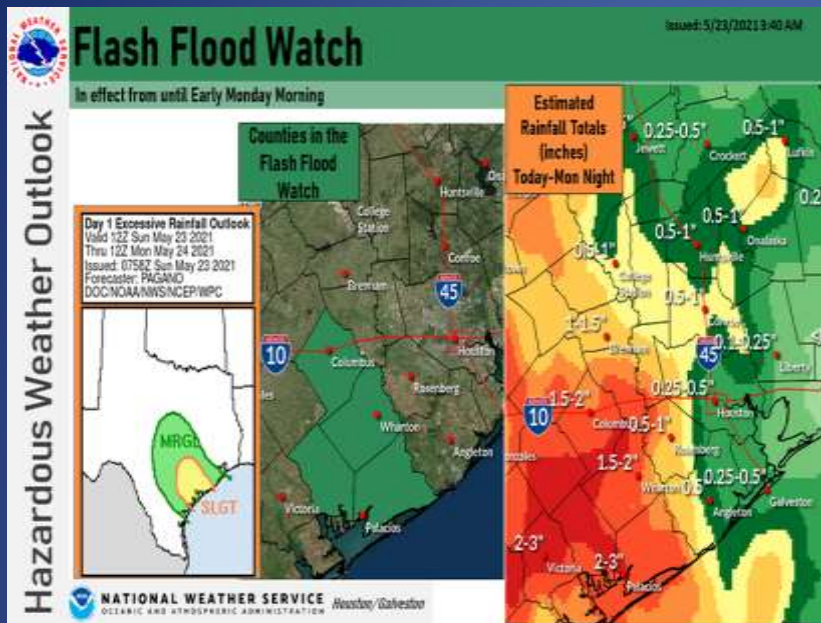
The best chance for showers and thunderstorms this afternoon into evening will be over the western South Plains and far southern Texas Panhandle. Storms that move into the western South Plains will have the potential of producing heavy rain and marginally severe hail and wind.



Additional showers and isolated thunderstorms are expected today with the greatest coverage west of I-35. Heavy rainfall could result in flooding especially near the Highway 281 corridor. High temperatures will mostly be in the 70s with a few readings around 80.



# Hazardous Weather



A Flash Flood Watch is in effect for the southwestern counties of SE TX through early Monday morning.

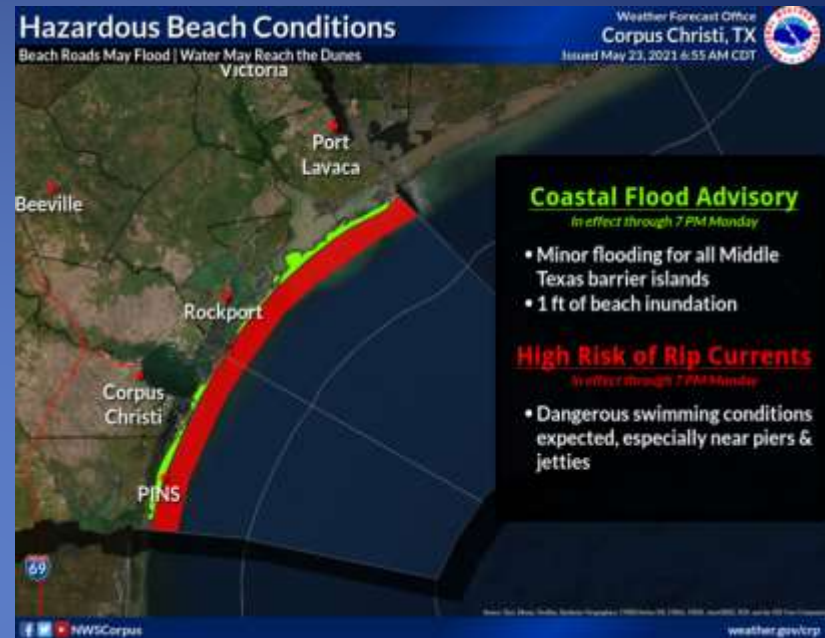
Locally heavy rain is possible over the southeastern counties today. This could lead to flash flooding. We have issued a Flash Flood Watch until Monday evening. 2 to 4 inches of rainfall is forecast across the watch area today through Monday. Isolated pockets up to 6 inches are possible. The area is near saturated and any additional heavy rainfall could lead to flooding.



# Hazardous Weather

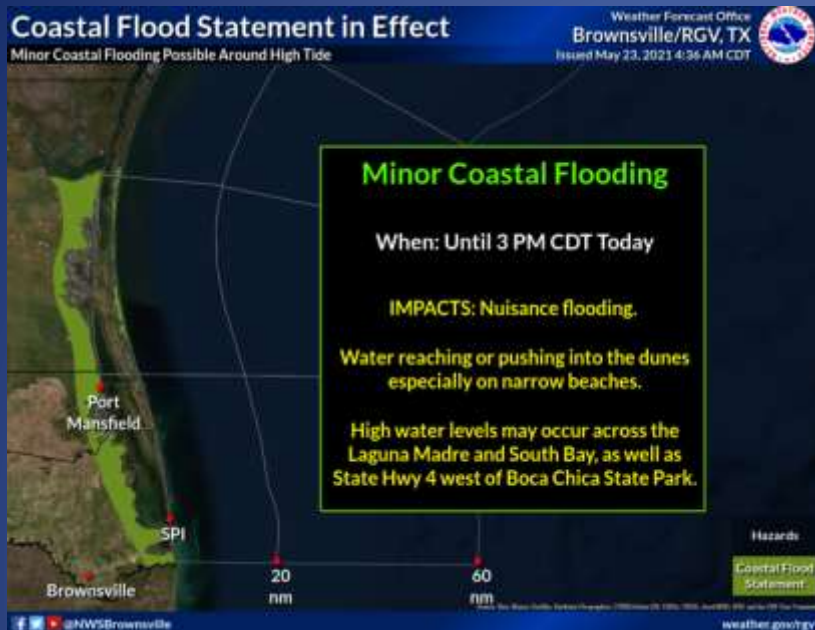


A flash flood watch is in effect late tonight through Sunday night for northeastern portions of the area where 1 to 3 inches of rain is possible over already saturated ground.

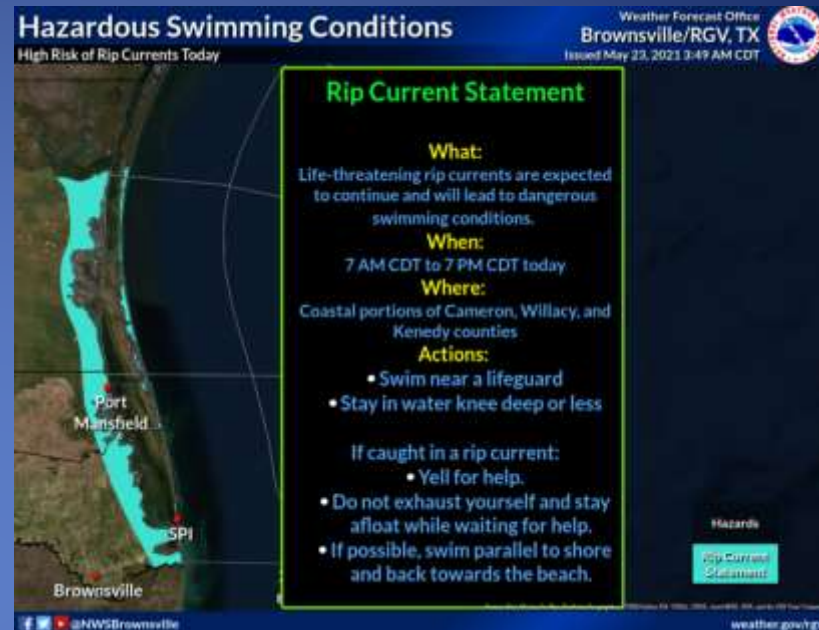


Hazardous beach and marine conditions will continue through Monday. A Coastal Flood Advisory remains in effect for the barrier islands for up to 1 ft of beach inundation. With elevated water levels, a high risk for rip currents will also continue for all Gulf-facing beaches.

# Hazardous Weather



Easterly swell combining with high tides may lead to minor coastal flooding in spots today. Flooding will be most likely around the time of high tide, which is at 12:01 PM.



Rough seas today will support a High Risk of rip currents at the beaches of South Padre Island and at Boca Chica Beach.

# Hazardous Weather

## Severe Storm Chances Later Today

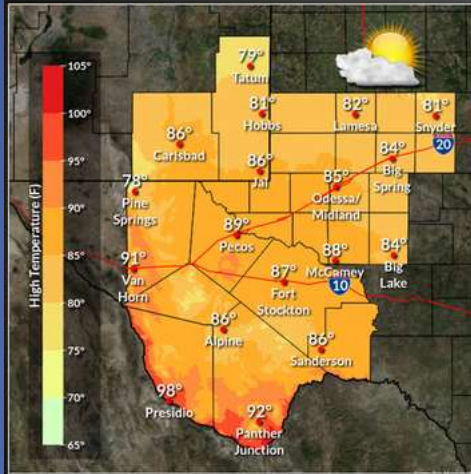
Weather Forecast Office  
Midland/Odessa, TX



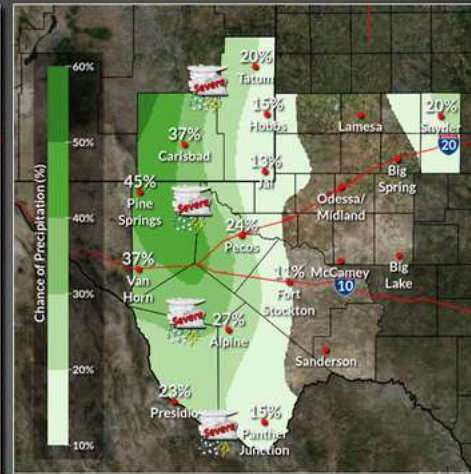
Thunderstorms developing late afternoon into the evening.

Issued May 22, 2021 2:36 AM CT

### High Temperatures



### Thunderstorm Chances



f t v NWSMidland

weather.gov/maf

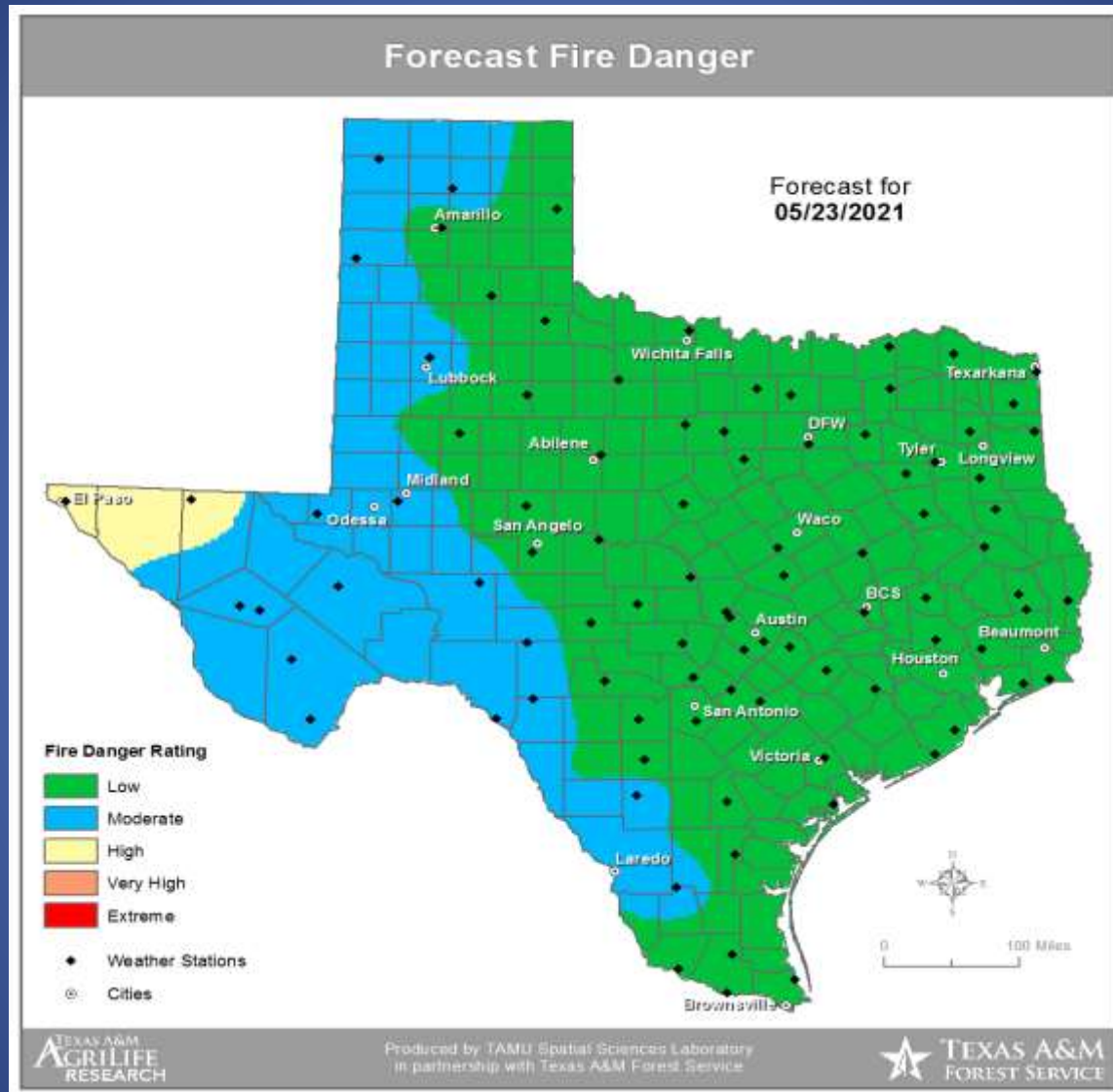
Springtime temperatures and a few strong to severe thunderstorms expected today. Most of the storm coverage will remain west of the Pecos river.



# Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/22/21	Flood Warning	Trinity River Near Long Lake affecting Freestone, Anderson and Leon Counties
05/22/21	Flood Advisory	Blanco, Calhoun, Gillespie, Kendall, Kerr and Victoria Counties
05/22/21	Tornado Watch	Culberson, Hudspeth, Jeff Davis and Reeves Counties
05/22/21	Flash Flood Watch	Calhoun, Colorado, De Witt, Fayette, Goliad, Gonzales, Jackson, Lavaca, Matagorda, Victoria and Wharton Counties
05/22/21	Severe Thunderstorm Warning	Hudspeth County
05/22/21	Urban and Small Stream Flood Advisory for Poor Drainage Areas	Ellis County
05/22/21	Small Stream Flood Advisory	San Saba County
05/23/21	Flood Warning	San Saba River at San Saba affecting San Saba County, Tres Palacios River near Midfield affecting Wharton and Matagorda Counties

# Fire Danger Forecast



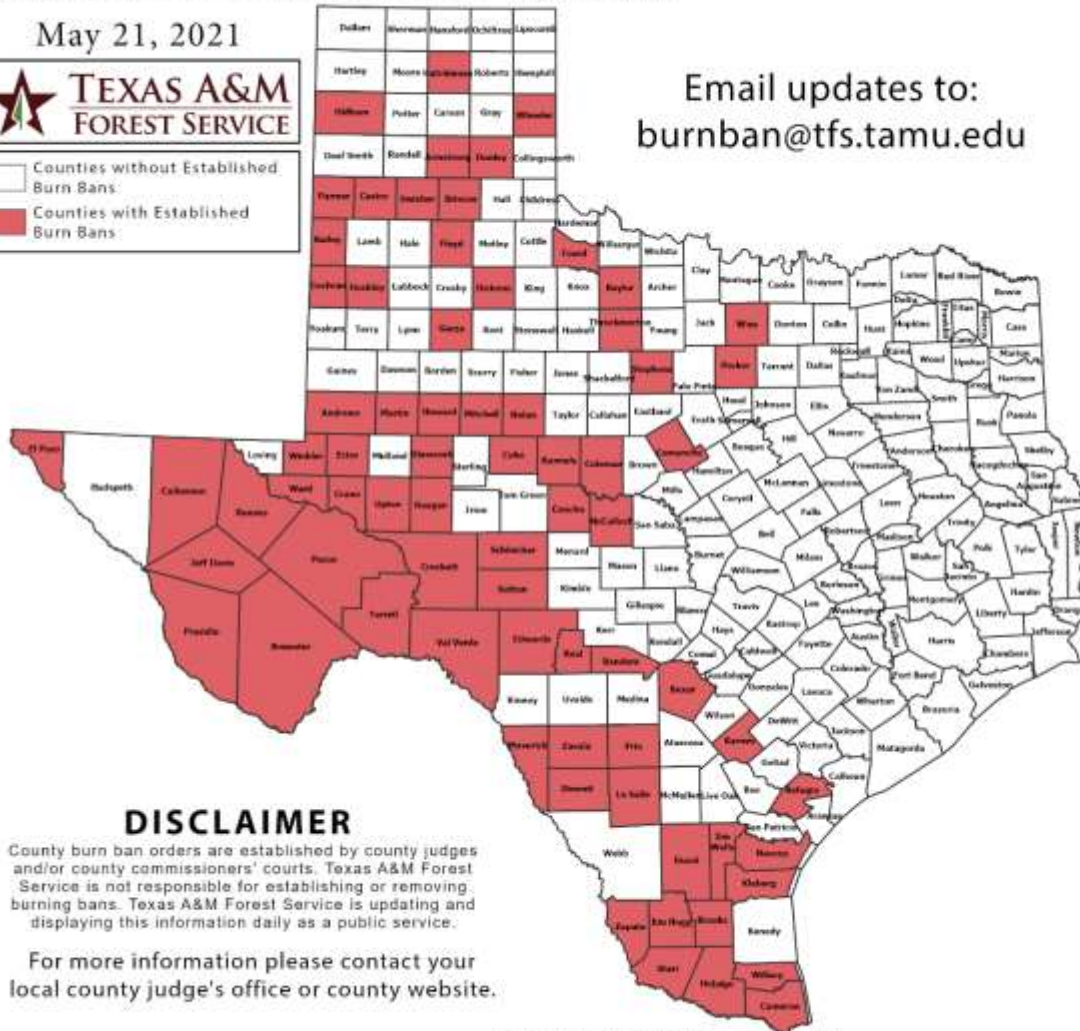
# Burn Ban

## OUTDOOR BURN BANS

May 21, 2021



☐ Counties without Established Burn Bans  
☒ Counties with Established Burn Bans



Email updates to:  
[burnban@tfs.tamu.edu](mailto:burnban@tfs.tamu.edu)

### Counties with Burn Bans: 73

Andrews	Jim Wells
Armstrong	Karnes
Bailey	Kleberg
Bandera	La Salle
Baylor	McCulloch
Bexar	Martin
Brewster	Maverick
Briscoe	Mitchell
Brooks	Nolan
Cameron	Nueces
Castro	Oldham
Cochran	Parker
Coke	Parmer
Coleman	Pecos
Comanche	Presidio
Concho	Reagan
Crane	Real
Crockett	Reeves
Culberson	Refugio
Dickens	Runnels
Dimmit	Schleicher
Donley	Starr
Duval	Stephens
Ector	Sutton
Edwards	Swisher
El Paso	Terrell
Floyd	Throckmorton
Foard	Upton
Frio	Val Verde
Garza	Ward
Glasscock	Wheeler
Hidalgo	Willacy
Hockley	Winkler
Howard	Wise
Hutchinson	Zapata
Jeff Davis	Zavala
Jim Hogg	

### DISCLAIMER

County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

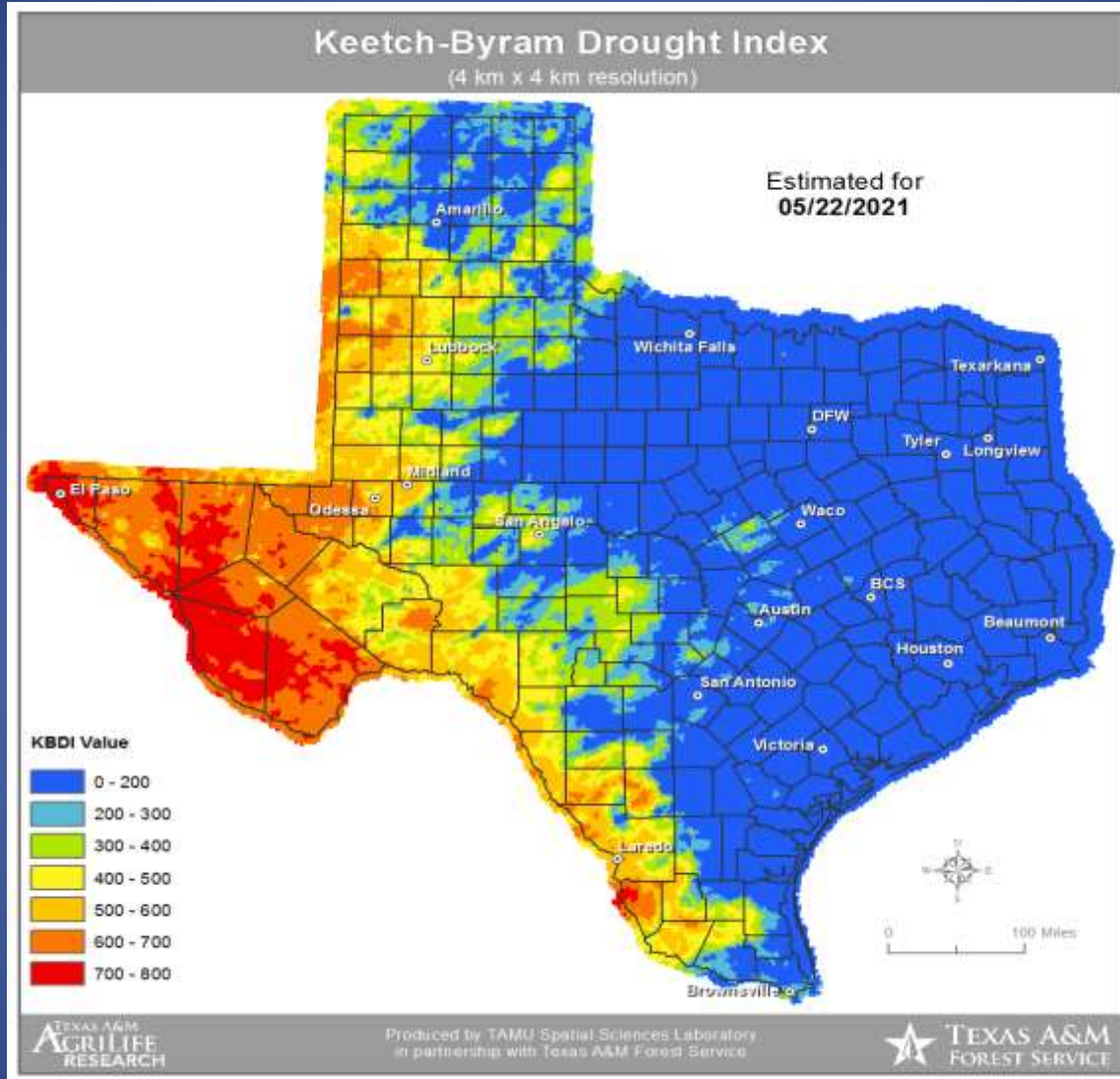
For more information please contact your local county judge's office or county website.

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)

Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>



# Keetch-Byram Drought Index



# Fire Activity (\*Last 24 Hours)

Reports of 226 (no change) fires and 37,555 (no change) acres have been destroyed this year. There are 73 (no change) counties with burn bans. The Keetch-Byram Drought Index list 39 (no change) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
05/20/21	06/03/21	Intermediate Incident Command System for Expanding Incidents	G-300	Bryan
05/21/21	05/23/21	Intermediate Incident Command System for Expanding Incidents	G-300	Wichita Falls

## Statewide Significant Events

DATE(S)		LOCATION	EVENT
01/12/21	05/24/21	Austin	87th Texas Legislature
05/23/21	05/23/21	Arlington	MLB: 2021 Texas Rangers
05/23/21	05/23/21	Fort Worth	Charles Schwab Challenge
05/23/21	05/23/21	Austin	NASCAR: EchoPark Texas Grand Prix